EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	267	(TWIGG.in. or VINCENT. in. or MARTYN.in.) and (exhaust near3 gas) and (engine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:28
S2	46	(TWIGG.in. or VINCENT. in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:31
S3	32	(TWIGG.in. or VINCENT. in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot) and (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:31
S4	25	(TWIGG.in. or VINCENT. in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot) and (filter) and (metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:31

EAST Search History

S5	24	(TWIGG.in. or VINCENT. in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot) and (filter) and (cataly$4) and (metal)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/22 13:31
S6	21	(TWIGG.in. or VINCENT. in. or MARTYN.in.) and (exhaust near3 gas) and (engine) and (soot near4 filter) and (cataly$4) and (metal)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/22 14:16
S7	557	(exhaust near3 gas) and (engine) and (soot near4 filter) and (cataly$4) and (metal)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/22 14:16
S8	442	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/08/22 14:17

EAST Search History

S9	157	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 14:17
S10	92	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 09:57
S11	116	(exhaust near3 gas) and (engine) and (soot near4 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 09:46
S12	92	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 09:46

S13	24	S11 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 09:46
S14	146	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 12:05
S15	124	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (oxid$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 10:12
S16	137	(exhaust near3 gas) and (engine) and (soot near2 (filter or trap)) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (oxid$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 10:15

S17	137	(exhaust near3 gas) and (engine) and (soot near2 (filter or trap)) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (oxid$4) and (metal near5 (filter or trap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 10:21
S18	13	(exhaust near3 gas) and (engine) and (soot near2 (filter or trap)) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (oxid$4) and (metal near5 (mess$4 or strip or flat))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 10:27
S19	91	(exhaust near3 gas) and (engine) and (soot near2 (filter or trap)) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and ((oxid$4) near4 (NOx or "NO.sub.x" or "NO.sub.2" or "NO"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 11:37

| S20 | 148 | ("20030124037" \| "20030182936" \| "20030230078" \| "3290876" \| "3499269" \| "3802922" \| "3904551" \| "3931050" \| "3957691" \| "4003854" \| "4072471" \| "4118199" \| "4134860" \| "4189404" \| "4276066" \| "4285193" \| "4303552" \| "4329162" \| "4340403" \| "4351811" \| "4364760" \| "4403008" \| "4419113" \| "4451441" \| "4455393" \| "4477417" \| "4480050" \| "4503162" \| "4505107" \| "4510265" \| "4515758" \| "4516993" \| "4519820" \| "4523935" \| "4559193" \| "4563414" \| "4624940" \| "4630438" \| "4708946" \| "4711870" \| "4714694" \| "4727052" \| "4759918" \| "4828807" \| "4881959" \| "4902309" \| "4902487" \| "4927799" \| "5000929" \| "5053378" \| "5057483" \| "5089237" \| "5100632" \| "5149508" \| "5157007" \| "5183401" \| "5203166" \| "5207807" \| "5213781" \| "5228891" \| "5248251" \| "5250489" \| "5258348" \| "5258349" \| "5259754" \| "5281128" \| "5294411" \| "5326253" \| "5330945" \| "5340548" \| "5398503" \| "5405260" \| "5405422" \| "5409669" \| "5422085" \| "5423180" \| "5423904" \| "5443623" \| "5454845" \| "5457945" \| "5458664" \| "5491120" \| "5551231" \| "5571298" \| "5595580" \| "5597771" \| "5620490" \| "5627124" \| "5682740" \| "5705131" \| "5711147" \| "5727385" \| "5743087" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/23 11:31 |

| S21 | 36 | ("2003/0180195" \| "4900517" \| "6248689" \| "6557340" \| "6572682" \| "6772584" \| "6775972" \| "6877313" \| "6912847" \| "6916450" \| "7078004" \| "7086220").URPN. | USPAT | OR | ON | 2006/08/23 11:31 |

EAST Search History

| S22 | 182 | ("20030124037" \| "20030182936" \| "20030230078" \| "3290876" \| "3499269" \| "3802922" \| "3904551" \| "3931050" \| "3957691" \| "4003854" \| "4072471" \| "4118199" \| "4134860" \| "4189404" \| "4276066" \| "4285193" \| "4303552" \| "4329162" \| "4340403" \| "4351811" \| "4364760" \| "4403008" \| "4419113" \| "4451441" \| "4455393" \| "4477417" \| "4480050" \| "4503162" \| "4505107" \| "4510265" \| "4515758" \| "4516993" \| "4519820" \| "4523935" \| "4559193" \| "4563414" \| "4624940" \| "4630438" \| "4708946" \| "4711870" \| "4714694" \| "4727052" \| "4759918" \| "4828807" \| "4881959" \| "4902309" \| "4902487" \| "4927799" \| "5000929" \| "5053378" \| "5057483" \| "5089237" \| "5100632" \| "5149508" \| "5157007" \| "5183401" \| "5203166" \| "5207807" \| "5213781" \| "5228891" \| "5248251" \| "5250489" \| "5258348" \| "5258349" \| "5259754" \| "5281128" \| "5294411" \| "5326253" \| "5330945" \| "5340548" \| "5398503" \| "5405260" \| "5405422" \| "5409669" \| "5422085" \| "5423180" \| "5423904" \| "5443623" \| "5454845" \| "5457945" \| "5458664" \| "5491120" \| "5551231" \| "5571298" \| "5595580" \| "5597771" \| "5620490" \| "5627124" \| "5682740" \| "5705131" \| "5711147" \| "5727385" \| "5743087" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/23 11:31 |

| S23 | 159 | ("20030124037" \| "20030182936" \| "20030230078" \| "3290876" \| "3499269" \| "3802922" \| "3904551" \| "3931050" \| "3957691" \| "4003854" \| "4072471" \| "4118199" \| "4134860" \| "4189404" \| "4276066" \| "4285193" \| "4303552" \| "4329162" \| "4340403" \| "4351811" \| "4364760" \| "4403008" \| "4419113" \| "4451441" \| "4455393" \| "4477417" \| "4480050" \| "4503162" \| "4505107" \| "4510265" \| "4515758" \| "4516993" \| "4519820" \| "4523935" \| "4559193" \| "4563414" \| "4624940" \| "4630438" \| "4708946" \| "4711870" \| "4714694" \| "4727052" \| "4759918" \| "4828807" \| "4881959" \| "4902309" \| "4902487" \| "4927799" \| "5000929" \| "5053378" \| "5057483" \| "5089237" \| "5100632" \| "5149508" \| "5157007" \| "5183401" \| "5203166" \| "5207807" \| "5213781" \| "5228891" \| "5248251" \| "5250489" \| "5258348" \| "5258349" \| "5259754" \| "5281128" \| "5294411" \| "5326253" \| "5330945" \| "5340548" \| "5398503" \| "5405260" \| "5405422" \| "5409669" \| "5422085" \| "5423180" \| "5423904" \| "5443623" \| "5454845" \| "5457945" \| "5458664" \| "5491120" \| "5551231" \| "5571298" \| "5595580" \| "5597771" \| "5620490" \| "5627124" \| "5682740" \| "5705131" \| "5711147" \| "5727385" \| "5743087" \| "5746980" \| "5752580" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/23 11:37 |

| S24 | 152 | ("20030124037" \| "20030182936" \| "20030230078" \| "3290876" \| "3499269" \| "3802922" \| "3904551" \| "3931050" \| "3957691" \| "4003854" \| "4072471" \| "4118199" \| "4134860" \| "4189404" \| "4276066" \| "4285193" \| "4303552" \| "4329162" \| "4340403" \| "4351811" \| "4364760" \| "4403008" \| "4419113" \| "4451441" \| "4455393" \| "4477417" \| "4480050" \| "4503162" \| "4505107" \| "4510265" \| "4515758" \| "4516993" \| "4519820" \| "4523935" \| "4559193" \| "4563414" \| "4624940" \| "4630438" \| "4708946" \| "4711870" \| "4714694" \| "4727052" \| "4759918" \| "4828807" \| "4881959" \| "4902309" \| "4902487" \| "4927799" \| "5000929" \| "5053378" \| "5057483" \| "5089237" \| "5100632" \| "5149508" \| "5157007" \| "5183401" \| "5203166" \| "5207807" \| "5213781" \| "5228891" \| "5248251" \| "5250489" \| "5258348" \| "5258349" \| "5259754" \| "5281128" \| "5294411" \| "5326253" \| "5330945" \| "5340548" \| "5398503" \| "5405260" \| "5405422" \| "5409669" \| "5422085" \| "5423180" \| "5423904" \| "5443623" \| "5454845" \| "5457945" \| "5458664" \| "5491120" \| "5551231" \| "5571298" \| "5595580" \| "5597771" \| "5620490" \| "5627124" \| "5682740" \| "5705131" \| "5711147" \| "5727385" \| "5743087" \| "5746989" \| "5753589" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/23 11:45 |

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| S25 | 152 | ("20030124037" \| "20030182936" \| "20030230078" \| "3290876" \| "3499269" \| "3802922" \| "3904551" \| "3931050" \| "3957691" \| "4003854" \| "4072471" \| "4118199" \| "4134860" \| "4189404" \| "4276066" \| "4285193" \| "4303552" \| "4329162" \| "4340403" \| "4351811" \| "4364760" \| "4403008" \| "4419113" \| "4451441" \| "4455393" \| "4477417" \| "4480050" \| "4503162" \| "4505107" \| "4510265" \| "4515758" \| "4516993" \| "4519820" \| "4523935" \| "4559193" \| "4563414" \| "4624940" \| "4630438" \| "4708946" \| "4711870" \| "4714694" \| "4727052" \| "4759918" \| "4828807" \| "4881959" \| "4902309" \| "4902487" \| "4927799" \| "5000929" \| "5053378" \| "5057483" \| "5089237" \| "5100632" \| "5149508" \| "5157007" \| "5183401" \| "5203166" \| "5207807" \| "5213781" \| "5228891" \| "5248251" \| "5250489" \| "5258348" \| "5258349" \| "5259754" \| "5281128" \| "5294411" \| "5326253" \| "5330945" \| "5340548" \| "5398503" \| "5405260" \| "5405422" \| "5409669" \| "5422085" \| "5423180" \| "5423904" \| "5443623" \| "5454845" \| "5457945" \| "5458664" \| "5491120" \| "5551231" \| "5571298" \| "5595580" \| "5597771" \| "5620490" \| "5627124" \| "5682740" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/23 12:05 |

10/16/2006 8:05:32 AM "5705131" \| "5711147"
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EAST Search History

| S26 | 11 | (("20030124037" \| "20030182936" \| "20030230078" \| "3290876" \| "3499269" \| "3802922" \| "3904551" \| "3931050" \| "3957691" \| "4003854" \| "4072471" \| "4118199" \| "4134860" \| "4189404" \| "4276066" \| "4285193" \| "4303552" \| "4329162" \| "4340403" \| "4351811" \| "4364760" \| "4403008" \| "4419113" \| "4451441" \| "4455393" \| "4477417" \| "4480050" \| "4503162" \| "4505107" \| "4510265" \| "4515758" \| "4516993" \| "4519820" \| "4523935" \| "4559193" \| "4563414" \| "4624940" \| "4630438" \| "4708946" \| "4711870" \| "4714694" \| "4727052" \| "4759918" \| "4828807" \| "4881959" \| "4902309" \| "4902487" \| "4927799" \| "5000929" \| "5053378" \| "5057483" \| "5089237" \| "5100632" \| "5149508" \| "5157007" \| "5183401" \| "5203166" \| "5207807" \| "5213781" \| "5228891" \| "5248251" \| "5250489" \| "5258348" \| "5258349" \| "5259754" \| "5281128" \| "5294411" \| "5326253" \| "5330945" \| "5340548" \| "5398503" \| "5405260" \| "5405422" \| "5409669" \| "5422085" \| "5423180" \| "5423904" \| "5443623" \| "5454845" \| "5457945" \| "5458664" \| "5491120" \| "5551231" \| "5571298" \| "5595580" \| "5597771" \| "5620490" \| "5627124" \| "5682740" \| "5705131" \| "5711147" \| "5727385" \| "5743087" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/23 12:14 |

| S27 | 33 | (("20030124037" \| "20030182936" \| "20030230078" \| "3290876" \| "3499269" \| "3802922" \| "3904551" \| "3931050" \| "3957691" \| "4003854" \| "4072471" \| "4118199" \| "4134860" \| "4189404" \| "4276066" \| "4285193" \| "4303552" \| "4329162" \| "4340403" \| "4351811" \| "4364760" \| "4403008" \| "4419113" \| "4451441" \| "4455393" \| "4477417" \| "4480050" \| "4503162" \| "4505107" \| "4510265" \| "4515758" \| "4516993" \| "4519820" \| "4523935" \| "4559193" \| "4563414" \| "4624940" \| "4630438" \| "4708946" \| "4711870" \| "4714694" \| "4727052" \| "4759918" \| "4828807" \| "4881959" \| "4902309" \| "4902487" \| "4927799" \| "5000929" \| "5053378" \| "5057483" \| "5089237" \| "5100632" \| "5149508" \| "5157007" \| "5183401" \| "5203166" \| "5207807" \| "5213781" \| "5228891" \| "5248251" \| "5250489" \| "5258348" \| "5258349" \| "5259754" \| "5281128" \| "5294411" \| "5326253" \| "5330945" \| "5340548" \| "5398503" \| "5405260" \| "5405422" \| "5409669" \| "5422085" \| "5423180" \| "5423904" \| "5443623" \| "5454845" \| "5457945" \| "5458664" \| "5491120" \| "5551231" \| "5571298" \| "5595580" \| "5597771" \| "5620490" \| "5627124" \| "5682740" \| "5705131" \| "5711147" \| "5727385" \| "5743087" \| "5746080" \| "5753580" \| | US-PGPU B; USPAT; USOCR | OR | ON | 2006/08/23 12:17 |

EAST Search History

S28	101	(exhaust near3 gas) and (engine) and (soot near2 (filter or trap)) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and ((oxid$4 or oxida$4) near4 (NOx or "NO.sub.x" or "NO.sub.2" or "NO"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/16 12:13
S29	0	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (metal near4 mess$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 12:07
S30	28	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (metal near4 mes$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 12:07
S31	28	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x" or "NO.sub.2" or "NO") and (metal near4 mesh$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 12:08

EAST Search History

S32	2	"20060185352"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 09:34
S33	97	(exhaust near3 gas) and (engine) and (soot near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 11:56
S34	267	(exhaust near3 gas) and (engine) and ((particulat$4 or particle$4 or soot) near2 filter) and (cataly$4) and (metal near4 filter) and (NOx or "NO.sub.x")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 11:56
S35	209	(exhaust near3 gas) and (engine) and ((particulat$4 or particle$4 or soot) near2 filter) and (cataly$4) and (metal near4 filter) and ((NOx or "NO.sub.x") near4 (cataly$4 or oxid$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 11:57

EAST Search History

S36	88	(exhaust near3 gas) and (engine) and ((particulat$4 or particle$4 or soot) near2 filter) and (cataly$4) and (metal near4 filter) and ((NOx or "NO.sub.x") near4 (cataly$4 or oxid$4)) and (wire$4 or mesh$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 12:07
S37	139	(exhaust near3 gas) and (engine) and ((particulat$4 or particle$4 or soot) near2 filter) and (cataly$4) and ((metal or wire$4 or mesh$4) near4 filter) and ((NOx or "NO.sub.x") near4 (cataly$4 or oxid$4)) and (wire$4 or mesh$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 12:07
S38	51	S37 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 12:15
S39	121	S35 not S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 12:15